
SR5

Netflex
Master Test Plan

Version 1.1

Netflex	Version: 1.1
Master Test Plan	Date: 5 Jan, 2024
NF-MTPG11-V1.1	

Revision History

Date	Version	Description	Author
1 Jan, 2023	1.0	Complete the document	Phạm Quốc Duy
5 Jan, 2023	1.1	Updated the target test items list	Phạm Quốc Duy

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Master Test Plan

1. Introduction

1.1 Purpose

The purpose of this Master Test Plan is to provide a comprehensive roadmap and guidelines for the testing of the Netflix web application after its implementation. It outlines the strategies, methodologies, and processes to be employed throughout the testing stage, ensuring effective process, collaboration. This document serves as a reference document for team's member, ensuring that they have a basic understanding of which strategies and methodologies are used to verify the usability of the application as well as which features need to be tested.

2. Target Test Items

Features	Test area			
	Functional	Performance	Usability	Security
Account signup, login	X		X	
Watch movies	X		X	
Search for movies	X		X	
Reset password	X		X	

3. Environmental Needs

3.1 Hardware Requirements

Taking into consideration the fact that Netflix is a web application, it can be accessed via any device with a browser and Internet connection. However, for the scope of this project, Desktop and Mobile devices are targeted as the main platforms for the application with the following hardware specifications:

- For Mobile devices:
 - o Devices should be running either IOS (Apple) or Android (Google) platforms
 - o Memory (RAM): a minimum of 2GB of RAM is required for smooth performance and stable movie display
- For Desktop devices:
 - o Devices should be running either Windows, macOS or Linux
 - o Memory (RAM): at least 4GB of RAM is recommended for smooth browsing and application usage

3.2 Software in the Test Environment

The following basic software elements are required in the test environment for this *Test Plan*.

Software Name	Purpose	Version	Type and Other Notes
Windows	The operating system will be the environment for the device accessing the application to be running on	Windows 10 Pro Version 22H2	Operating System
Microsoft Edge	The browser acts as a tool for the user to access Netflix via the Internet	Version 120.0.2210.91	Browser

3.3 Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Defect Tracking	Google sheet	Google LLC	2023
API Testing	Postman	Postman Inc.	10.20.0

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Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Database Testing	MySQL Workbench	Oracle	8.0.34

4. Responsibilities, Staffing, and Training Needs

4.1 People and Roles

This table shows the staffing assumptions for the test effort.

Human Resources		
Role	Minimum Resources Recommended (Number of full-time roles allocated)	Specific Responsibilities or Comments
Test Manager	Phạm Quốc Duy	Provides overall management of the testing process Responsibilities include: <ul style="list-style-type: none"> • Come up with the overall test plan • Evaluate test case quality • Test execution oversight • Documenting and reporting • Coordinate with testers and developers • Supporting in the testing process • Write summary report
Tester	Phạm Quốc Duy, Nguyễn Tấn Lộc	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> • Develop the tests for the corresponding functionalities • Execute the tests and identify defects • Log the results of each test case, including success and fail